

Knobbe Martens Olson & Bear LLP

Intellectual Property Law

201 California Street

Suite 1150

San Francisco CA 94111

Tel 415-954-4114

Fax 415-954-4114

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Page 1 of 2

JUL 28 2004

Docket No.: CULLN23.001APC

CUSTOMER NO. 20995**OFFICIAL**

Applicant : Manners et al.
 App. No. : 09/331,631
 Filed : June 21, 1999
 For : ANTIMICROBIAL PROTEINS
 Examiner : Robinson, Hope A.
 Group Art Unit : 1653

CERTIFICATE OF FAX TRANSMISSION

I hereby certify that this correspondence and all marked attachments are being transmitted via facsimile to the USPTO Central Fax No. (703) 872-9306 on the date shown below:

July 28/2004

Jennifer A. Haynes, Ph.D., Reg. No. 48,868

Transmitted herewith for filing and consideration in the above-referenced application are the following items:

Supplemental Amendment in 7 pages.
 Non-Final
 After Final

FILING FEES:

FEE CALCULATION				
FEES TYPE		FEES CODE	CALCULATION	TOTAL
Total Claims minus 20; or Previously Paid	31 - 41 = 0	1202 (\$18)	0 x 18 =	\$0
Independent minus 3; or Previously Paid	5 - 6 = 0	1201 (\$86)	0 x 86 =	\$0
Multiple Claim		1203 (\$290)		\$0
			TOTAL FEE DUE	\$0

Please charge the total fees due in the amount of \$0 to Deposit Account No. 11-1410.

Total pages in transmission: 9

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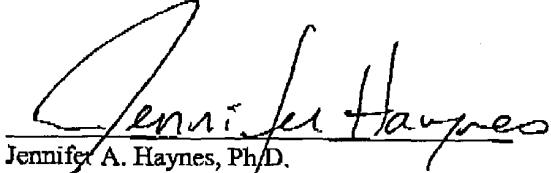
San Luis Obispo

Knobbe Martens Olson & Bear LLP

Application No.: 09/331,631
Filing Date: June 21, 1999

CUSTOMER NO. 20995

The Commissioner is hereby authorized to charge any additional fees which may be required, now or in the future, or credit any overpayment to Account No. 11-1410.



Jennifer A. Haynes, Ph.D.
Registration No. 48,868
Agent of Record
Customer No. 20,995
(415) 954-4114

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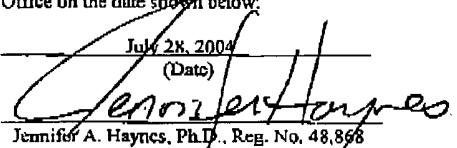
PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Manners, et al.
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SUPPLEMENTAL AMENDMENTRECEIVED
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JUL 28 2004

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:



Please amend the above-identified application as follows:

Amendments to the Claims are reflected in the listing of claims which begins on page 2 of this paper.

Remarks/Arguments begin on page 7 of this paper.